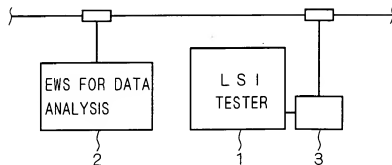
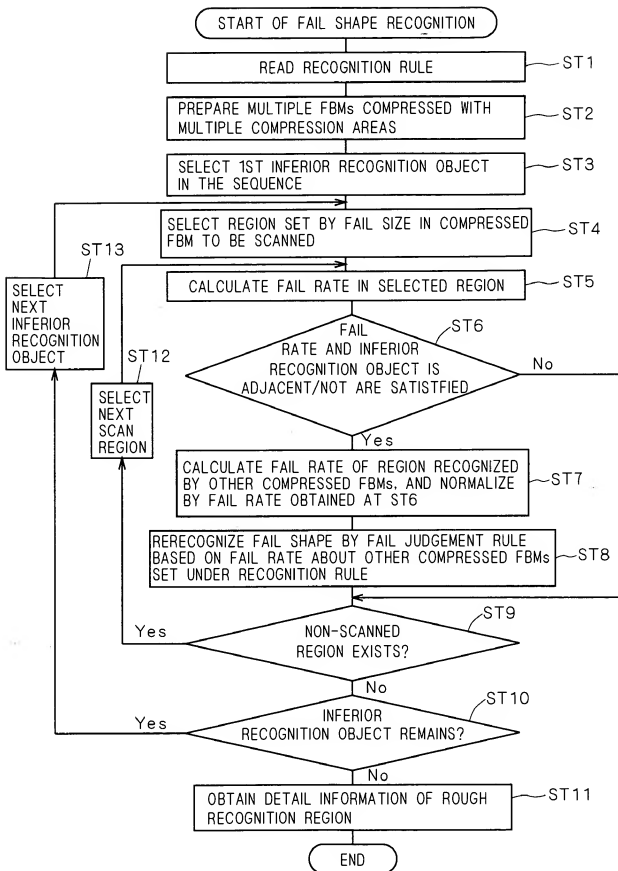


FIG. 1



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FIG. 2



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FIG. 3

RECOGNITION RULE

FBM-A : 8×8 bits
FBM-B : 1×32 bits
FBM-C : 32×1 bits

13

A-Block-Fail : 14

ScanFBM : FBM-A 15

ScanNo : 1 16

FailSize : 32×32 bits 17

Cross : OK 19

FailRate : 100% 18

ScanSize : 32×32 bits 20

FBM-CompRule :

NORMAL : $\text{FBM-B}(0.75 \sim 1.25) / \text{FBM-C}(0.75 \sim 1.25)$

X-line : $\text{FBM-B}(0 \sim 0.5) / \text{FBM-C}(0.75 \sim 1.25)$

Y-line : $\text{FBM-B}(0.75 \sim 1.25) / \text{FBM-C}(0 \sim 0.5)$

21

B-Line-Fail :

ScanFBM : FBM-B

ScanNo : 2

FailSize : 1×32 bits

Cross : None

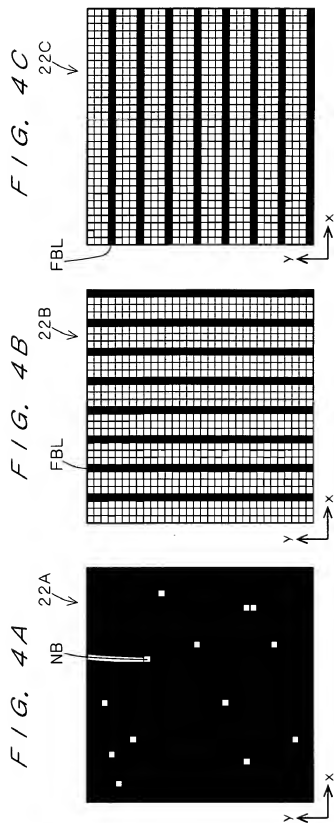
FailRate : 75%

ScanSize : 1×16 bits

•
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•

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FIG. 5A

23A
↓



FIG. 5B

23B
↓



FIG. 5C

23C
↓



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FIG. 6A

24A
↓

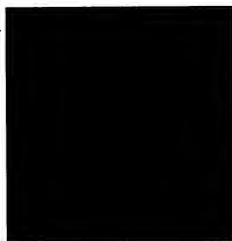


FIG. 6B

24B
↓

FPL

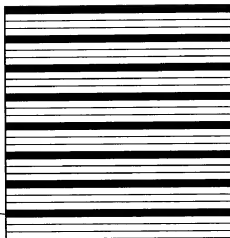
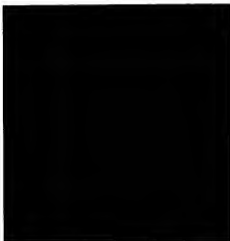


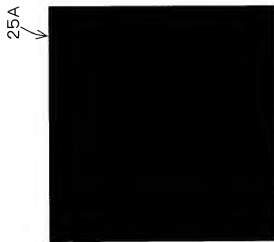
FIG. 6C

24C
↓



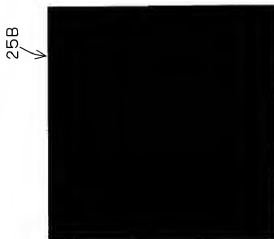
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FIG. 7A



25A
↓

FIG. 7B



25B
↓

FIG. 7C

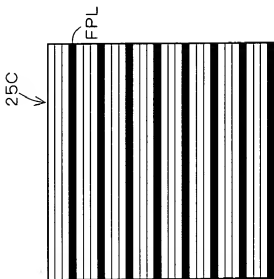


FIG. 8

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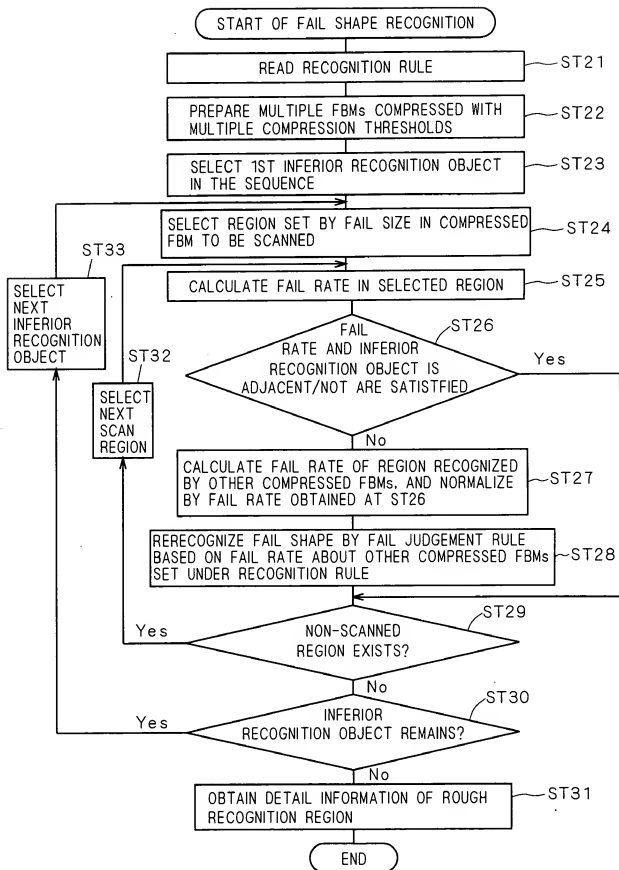


FIG. 9

RECOGNITION RULE

CompressRATE : $8 \times 8\text{bits}$ ← 26

FBM-A : 1bits
FBM-B : 5bits) ← 27

A-Line-Fail : ← 14

ScanFBM : FBM-A ← 15

ScanNo : 1 ← 16

FailSize : $8 \times 32\text{bits}$ ← 17

Cross : NONE ← 19

FailRate : 100% ← 18

ScanSize : $8 \times 32\text{bits}$ ← 20

FBM-CompRule :

NORMAL : FBM-B(0.75~1.25)

NOT RECOGNIZE : FBM-D(0~0.5)) ← 21

B-Line-Fail :

ScanFBM : FBM-B

ScanNo : 2

FailSize : $1 \times 32\text{bits}$

Cross : None

FailRate : 75%

ScanSize : $1 \times 16\text{bits}$

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FIG. 10A

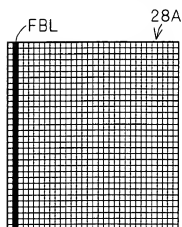


FIG. 10B

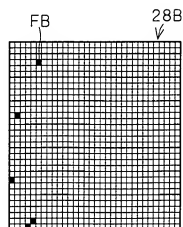


FIG. 11A

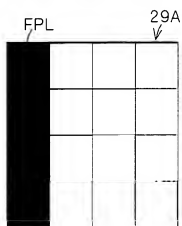


FIG. 11B

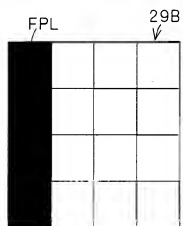


FIG. 12A

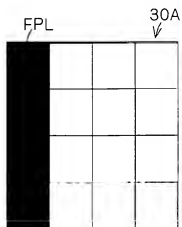
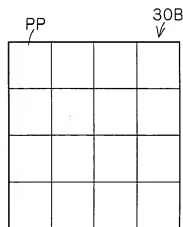


FIG. 12B



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FIG. 13

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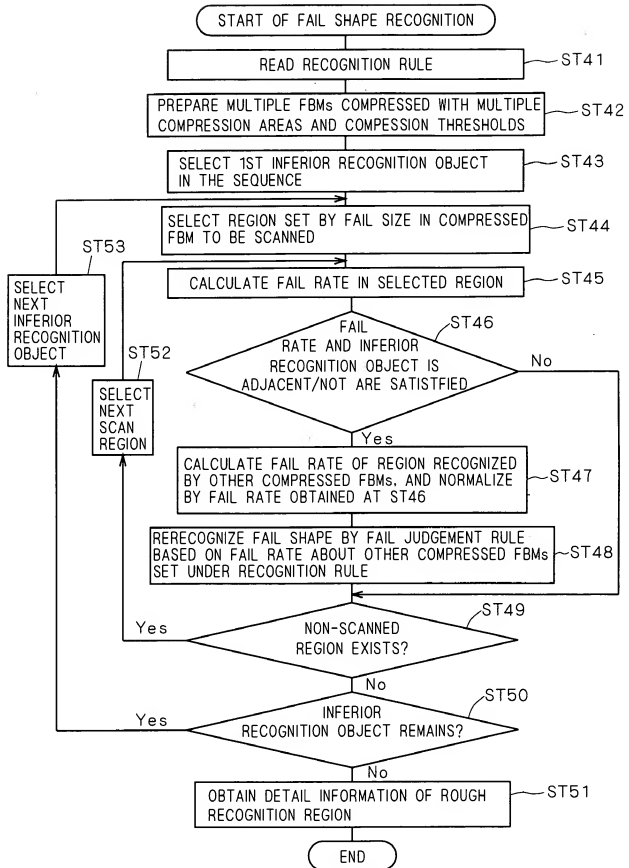


FIG. 14

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RECOGNITION RULE

FBM-A :

CompressRATE : 8×8 bits
CompressThreshold : 1bit

FBM-B :

CompressRATE : 1×32 bits
CompressThreshold : 1bit

FBM-C :

CompressRATE : 32×1 bits
CompressThreshold : 1bit

FBM-D :

CompressRATE : 8×8 bits
CompressThreshold : 8bit

← 31

A-Block-Fail : ← 14

ScanFBM : FBM-A ← 15

ScanNo : 1 ← 16

FailSize : 32×32 bits ← 17

Cross : OK ← 18

FailRate : 100% ← 19

ScanSize : 32×32 bits ← 20

FBM-CompRule :

NORMAL : $\text{FBM-B}(0.75 \sim 1.25) / \text{FBM-C}(0.75 \sim 1.25) / \text{FBM-D}(0.75 \sim 1.25)$

X-line : $\text{FBM-B}(0 \sim 0.5) / \text{FBM-C}(0.75 \sim 1.25)$

Y-line : $\text{FBM-B}(0.75 \sim 1.25) / \text{FBM-C}(0 \sim 0.5)$

NOT RECOGNIZE : $\text{FBM-D}(0 \sim 0.5)$

21

B-Line-Fail :

ScanFBM : FBM-B

ScanNo : 2

FailSize : 1×32 bits

Cross : None

FailRate : 75%

ScanSize : 1×16 bits

•

•

•

FIG. 15A

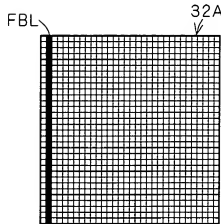


FIG. 15B

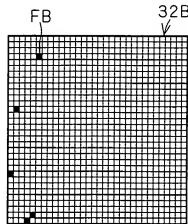
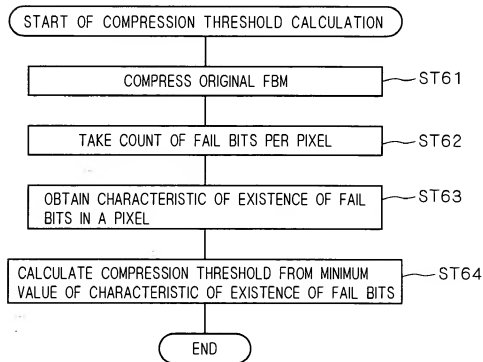


FIG. 16



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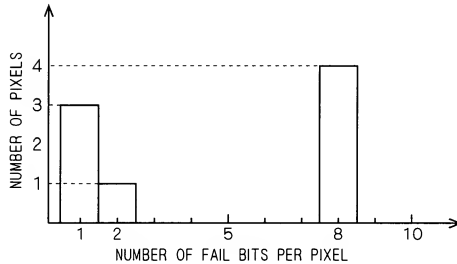
FIG. 17A

8	0	0	0
8	0	0	0
8	0	0	0
8	0	0	0

FIG. 17B

1	0	0	0
1	0	0	0
1	0	0	0
2	0	0	0

FIG. 18



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FIG. 19

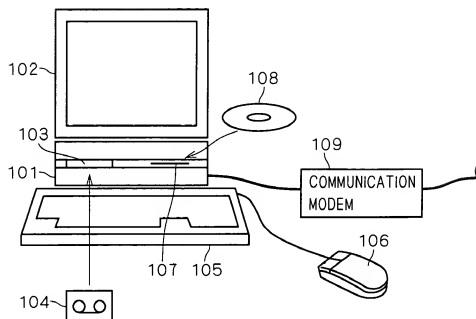
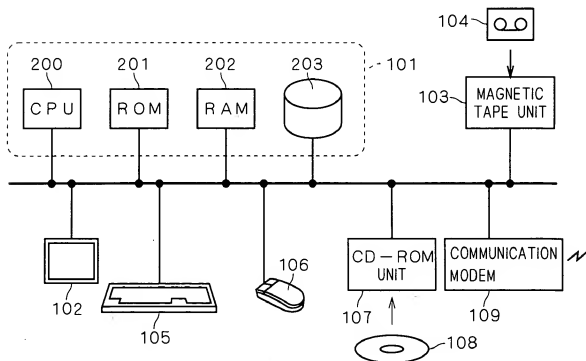


FIG. 20



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FIG. 21

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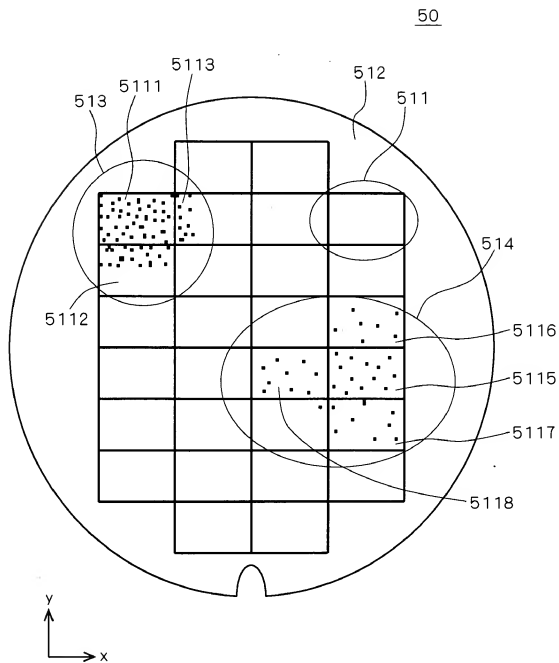
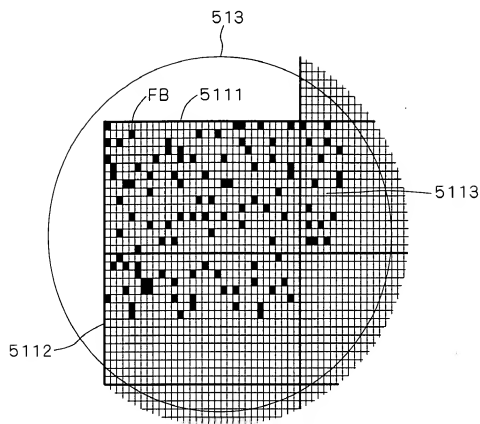


FIG. 22



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FIG. 23

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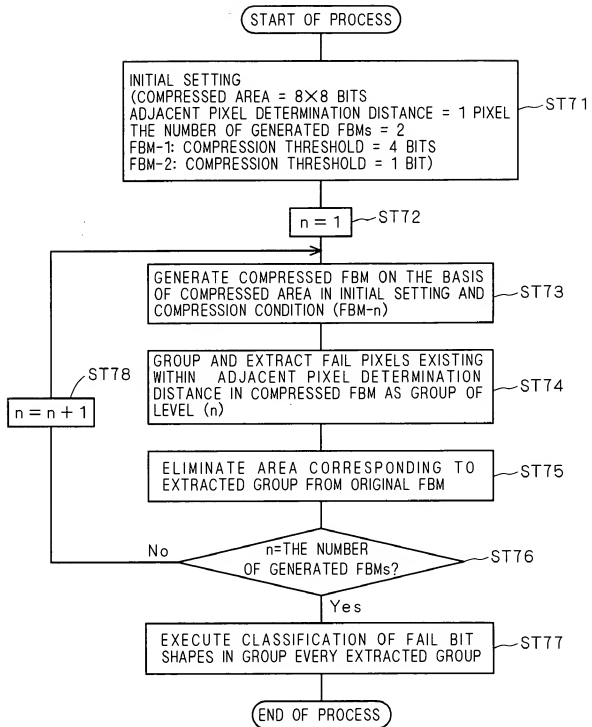
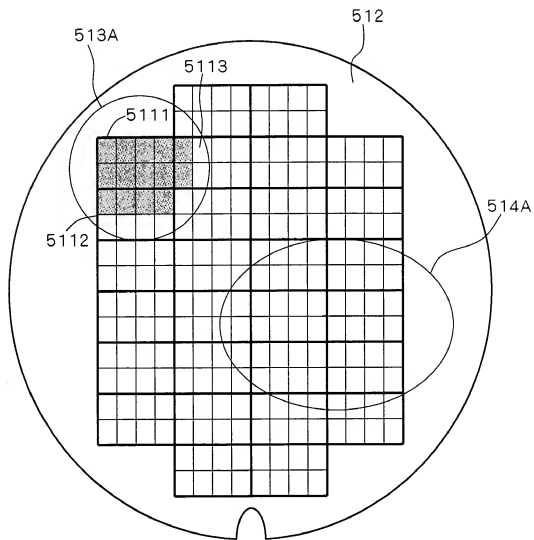


FIG. 24

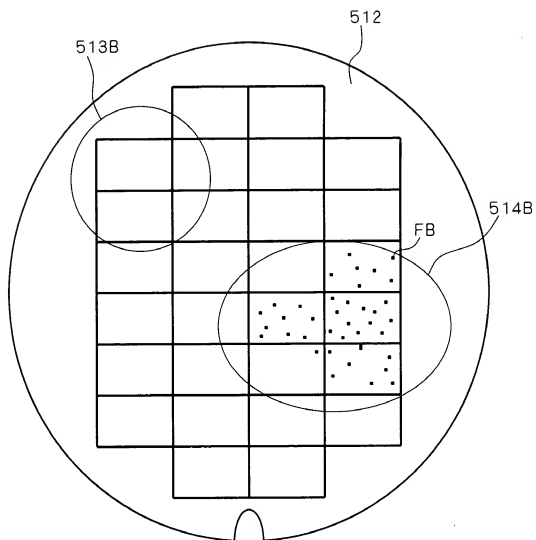
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FIG. 25

50A



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FIG. 26

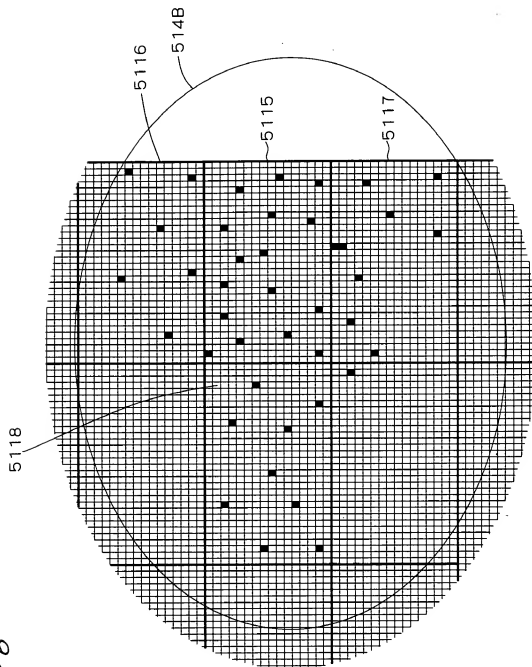
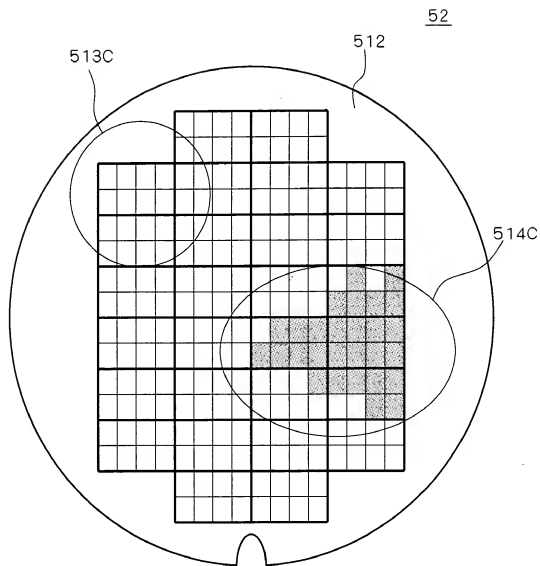


FIG. 27



F / G. 28

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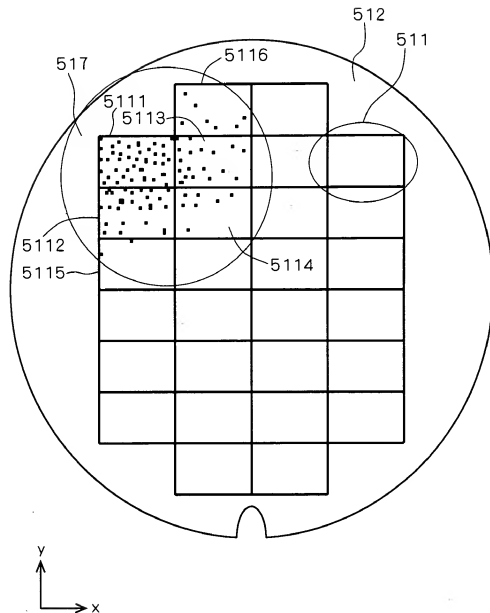
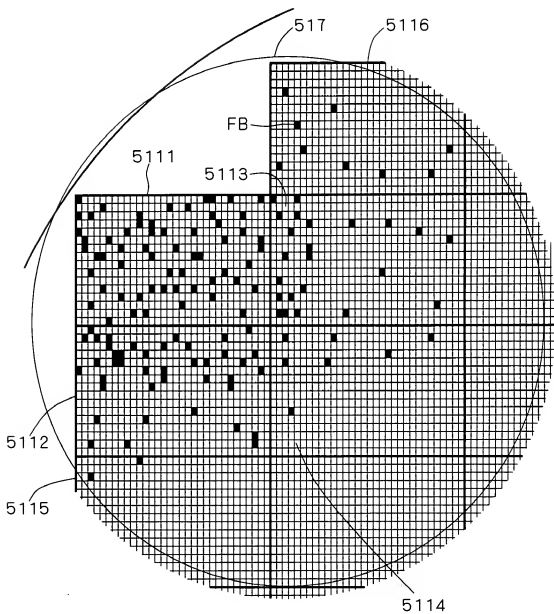


FIG. 29



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FIG. 30

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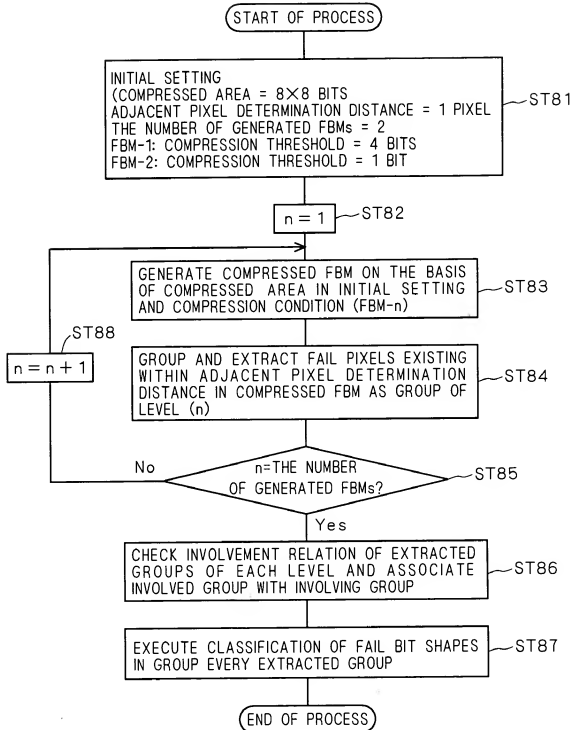
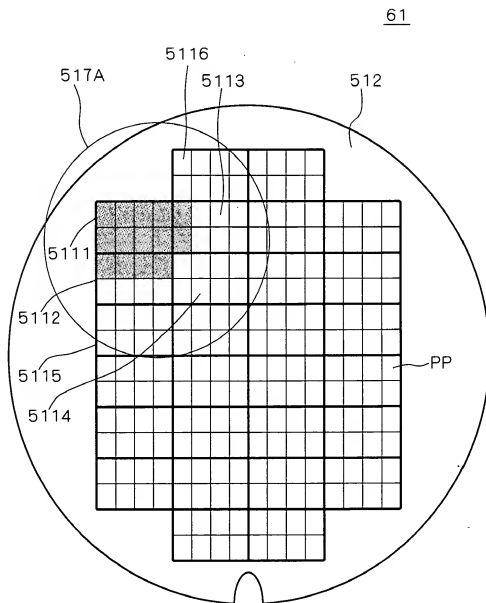


FIG. 31



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FIG. 32

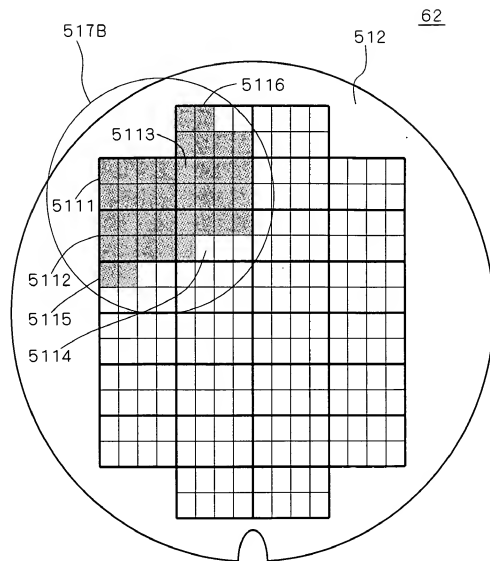
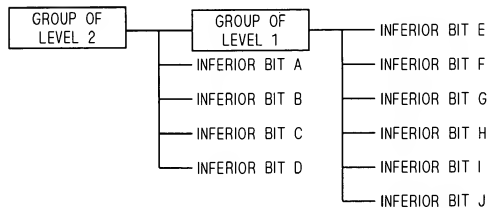


FIG. 33



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FIG. 34

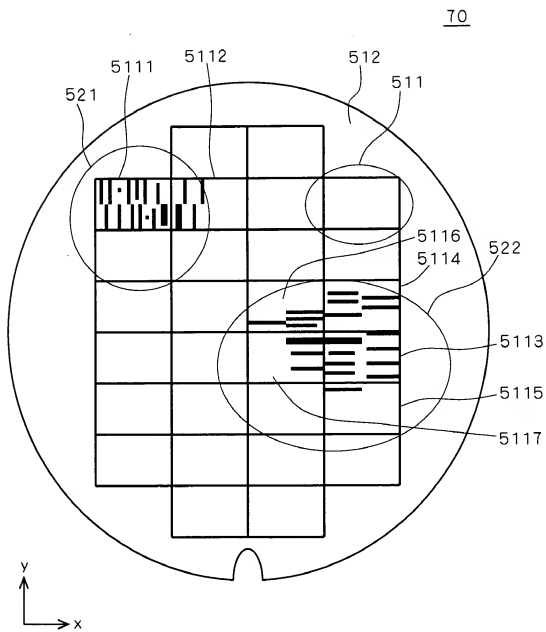
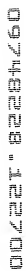
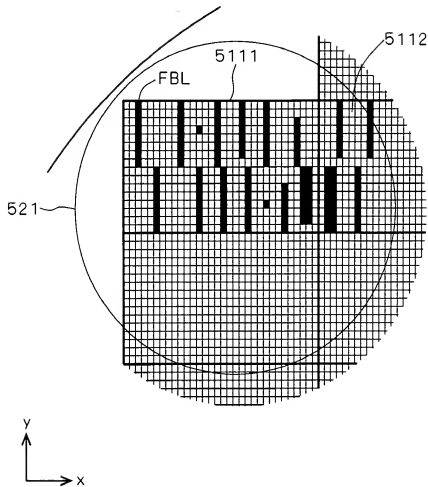


FIG. 35



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FIG. 36

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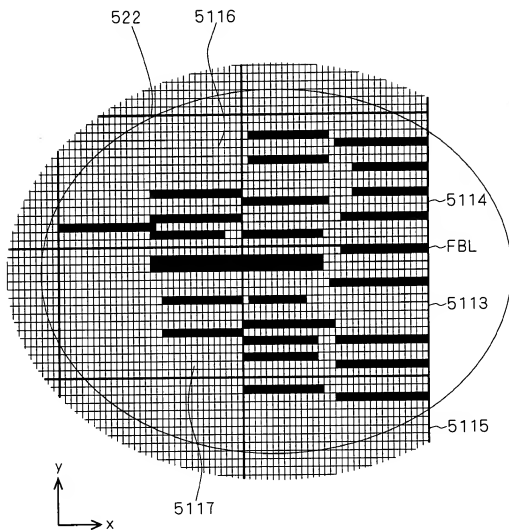


FIG. 37

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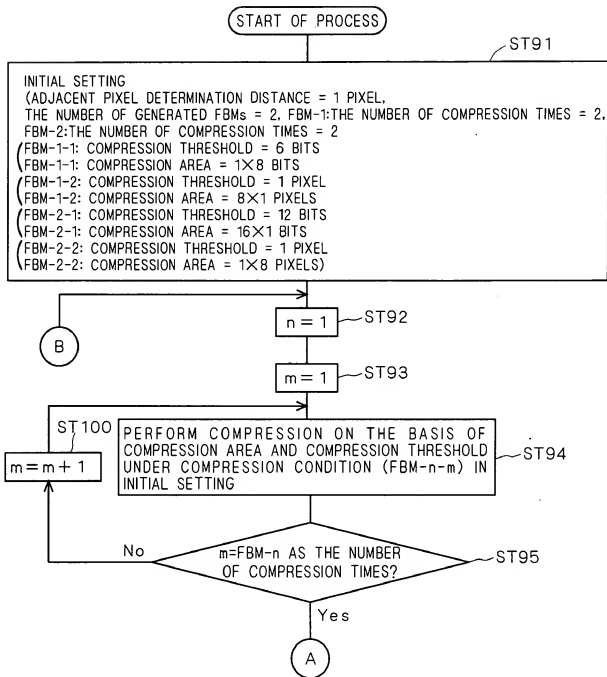
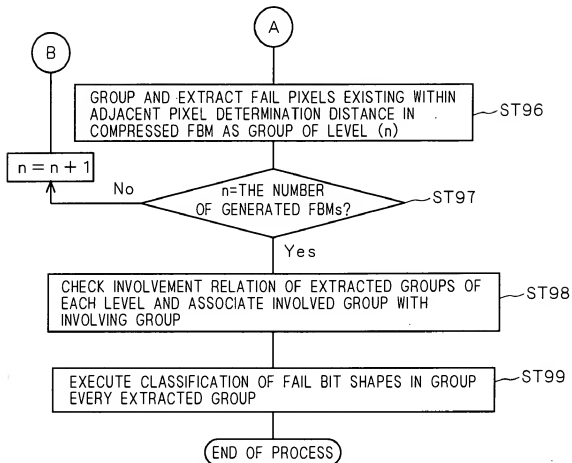
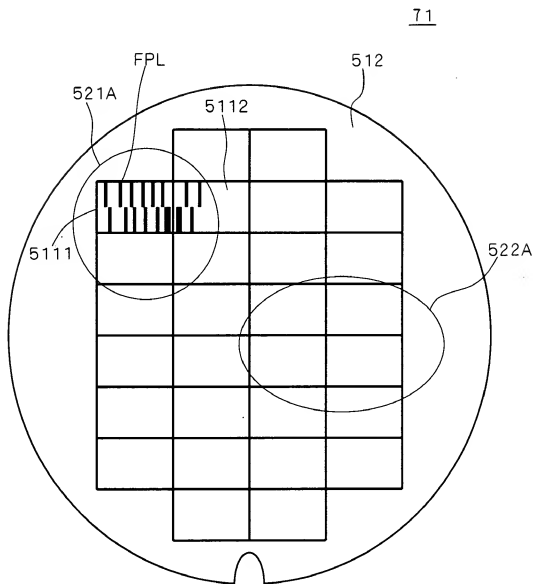


FIG. 38



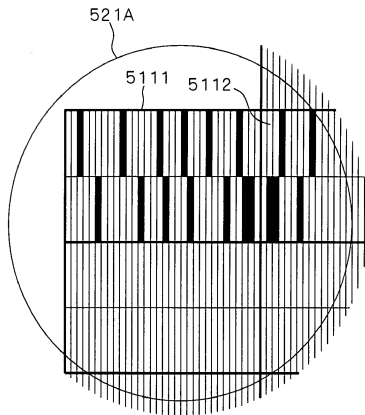
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FIG. 39



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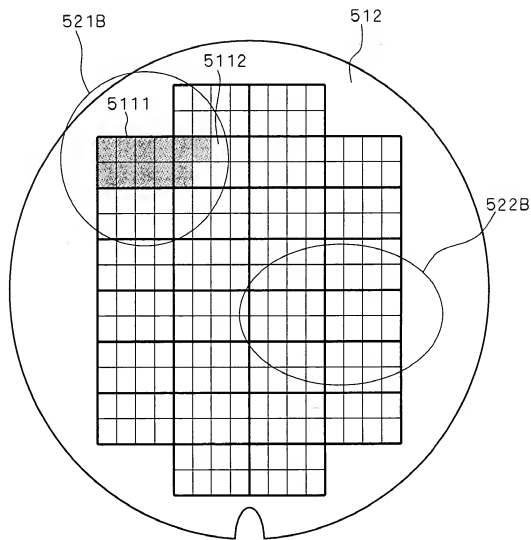
FIG. 40



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FIG. 41

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FIG. 42

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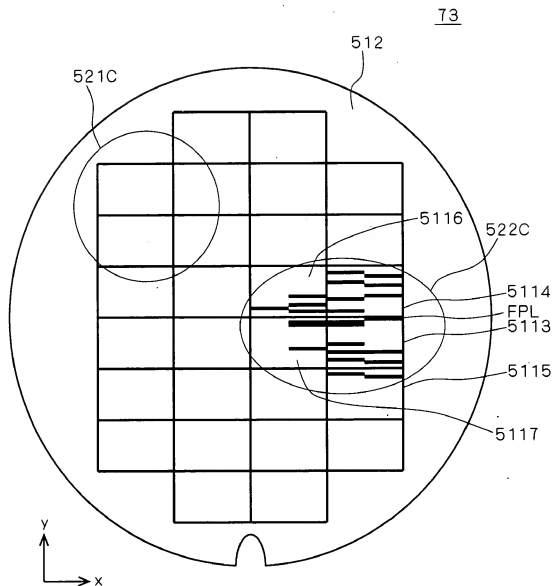


FIG. 43

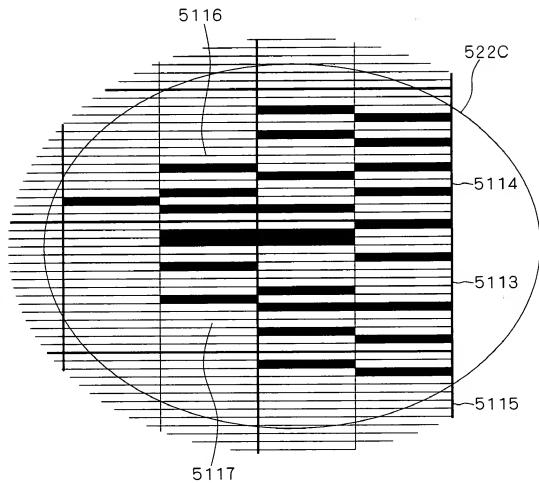
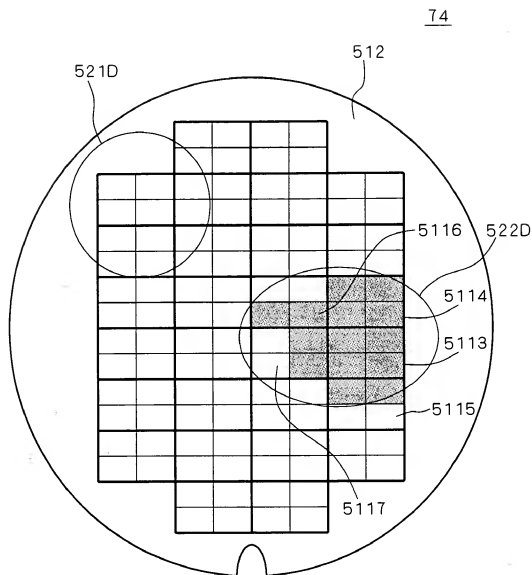
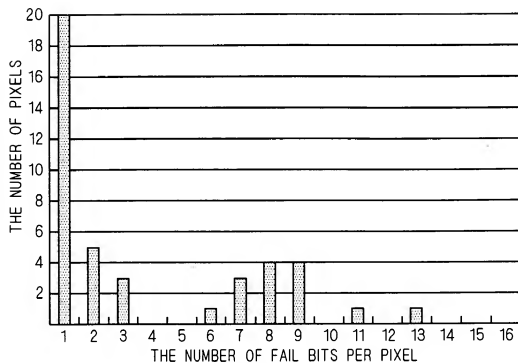


FIG. 44



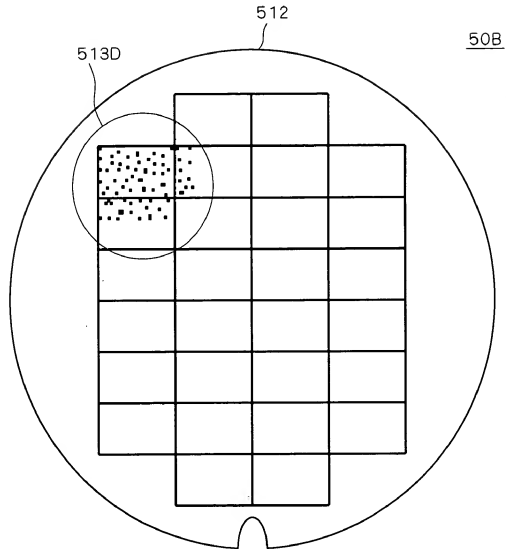
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FIG. 45



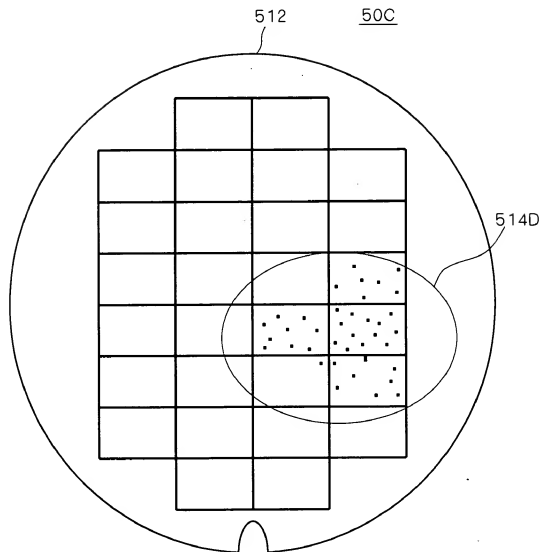
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FIG. 46



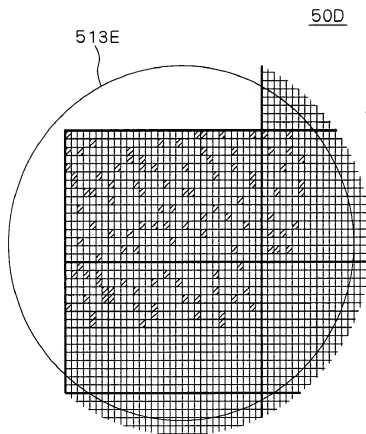
09748228.122700

FIG. 47



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FIG. 48



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FIG. 49

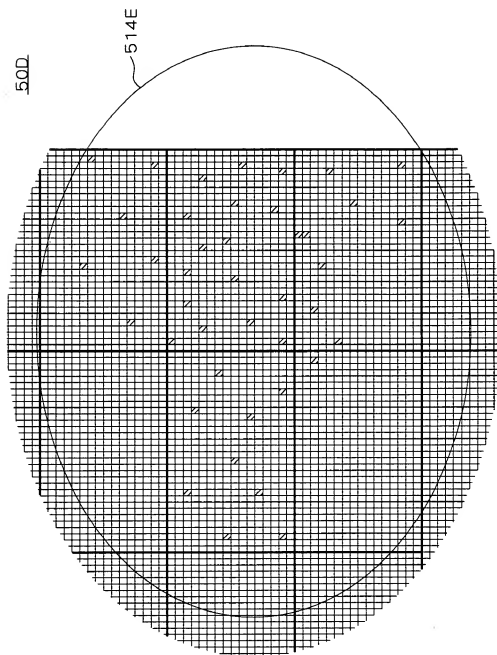


FIG. 50

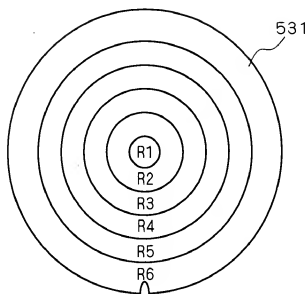


FIG. 51

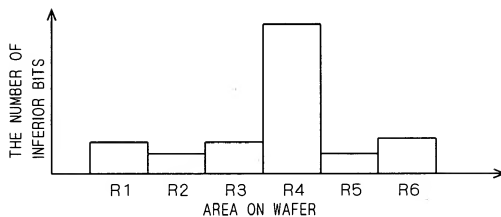
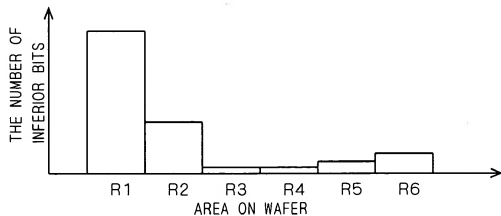


FIG. 52



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FIG. 53

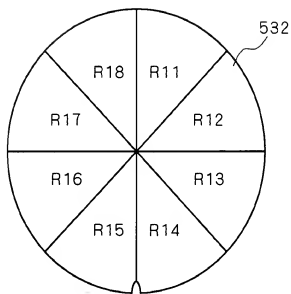


FIG. 54

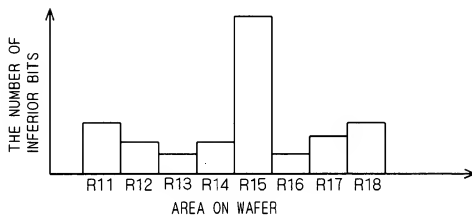
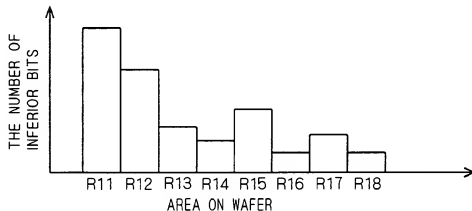


FIG. 55



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FIG. 56 (BACKGROUND ART)

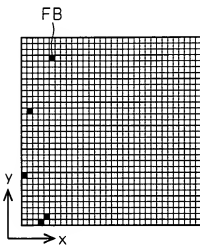


FIG. 57 (BACKGROUND ART)

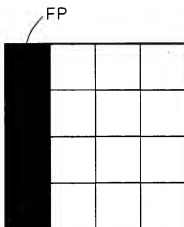
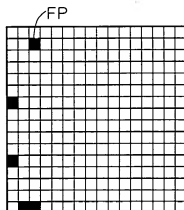


FIG. 58 (BACKGROUND ART)



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